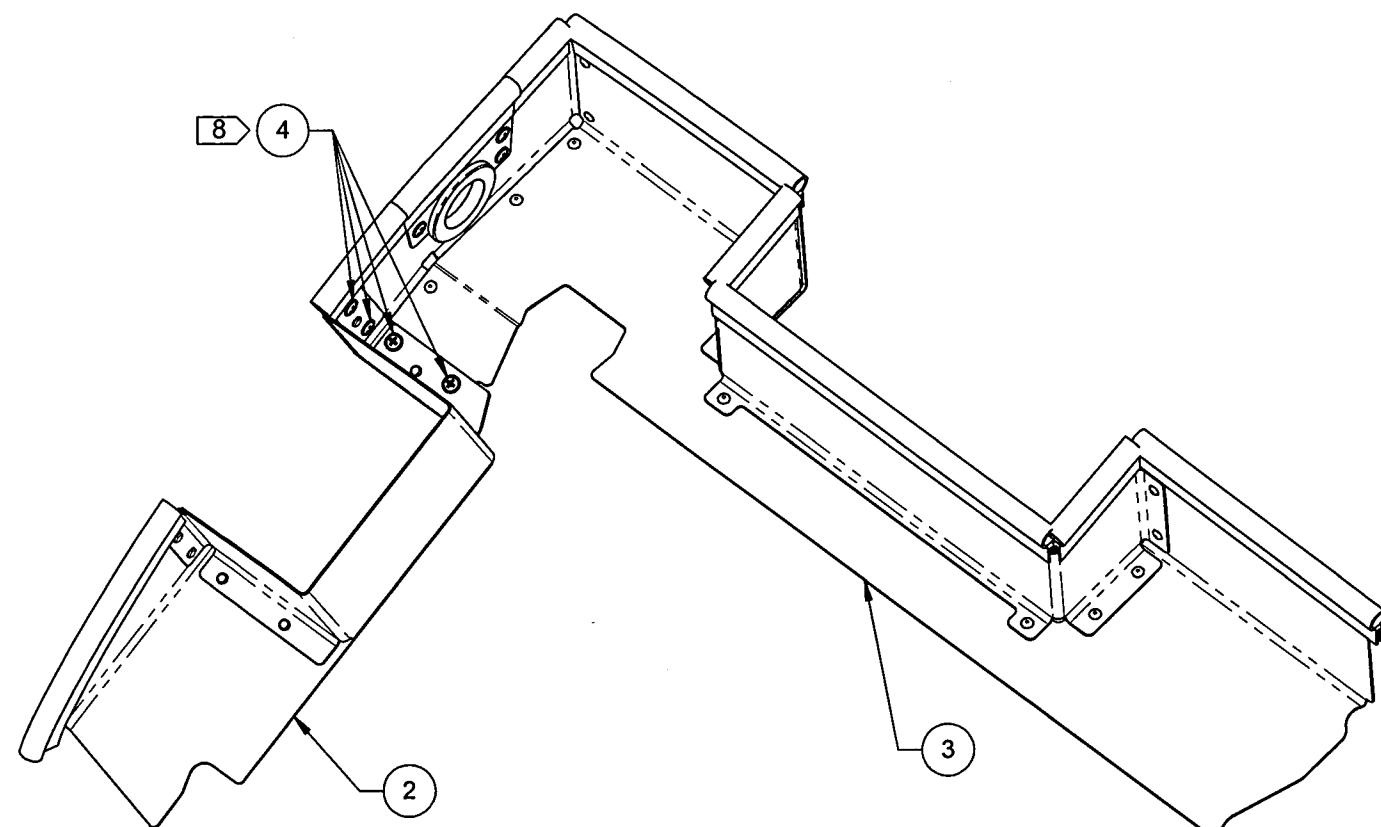


ITEM	QTY. -041	PART NUMBER	DESCRIPTION
1	X	D5076-041	FWD BRACKET ASSEMBLY
2	1	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
3	1	D5076-043	FWD INBOARD BRACKET ASSEMBLY
4	4	AN525-832R7	SCREW



D5076-041 FWD BRACKET ASSEMBLY

NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 7) WEIGHT: 1.39 lbs
 8) TORQUE SCREWS TO 12-15 (in-lb)

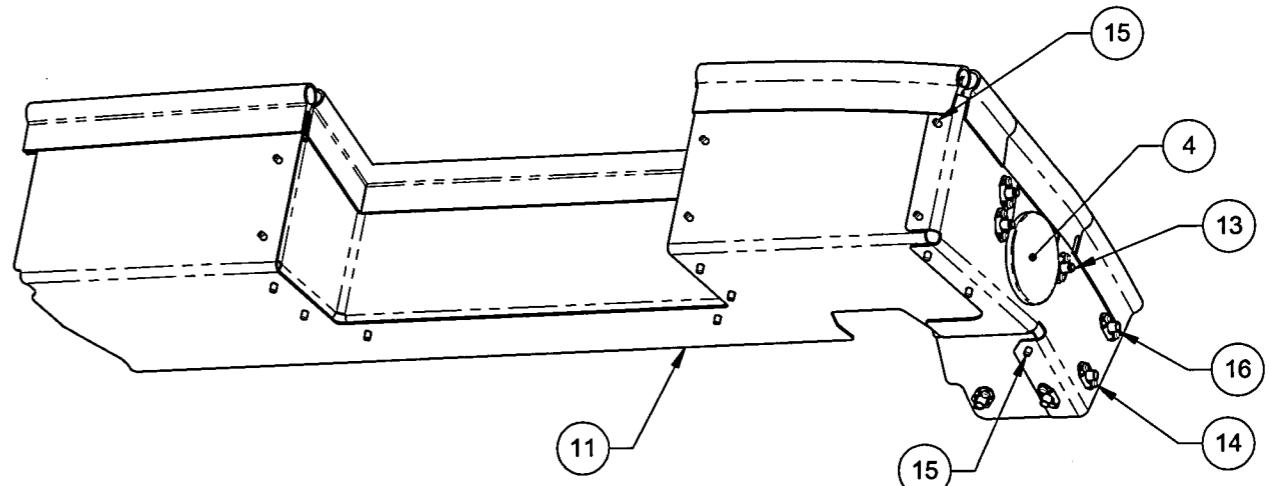
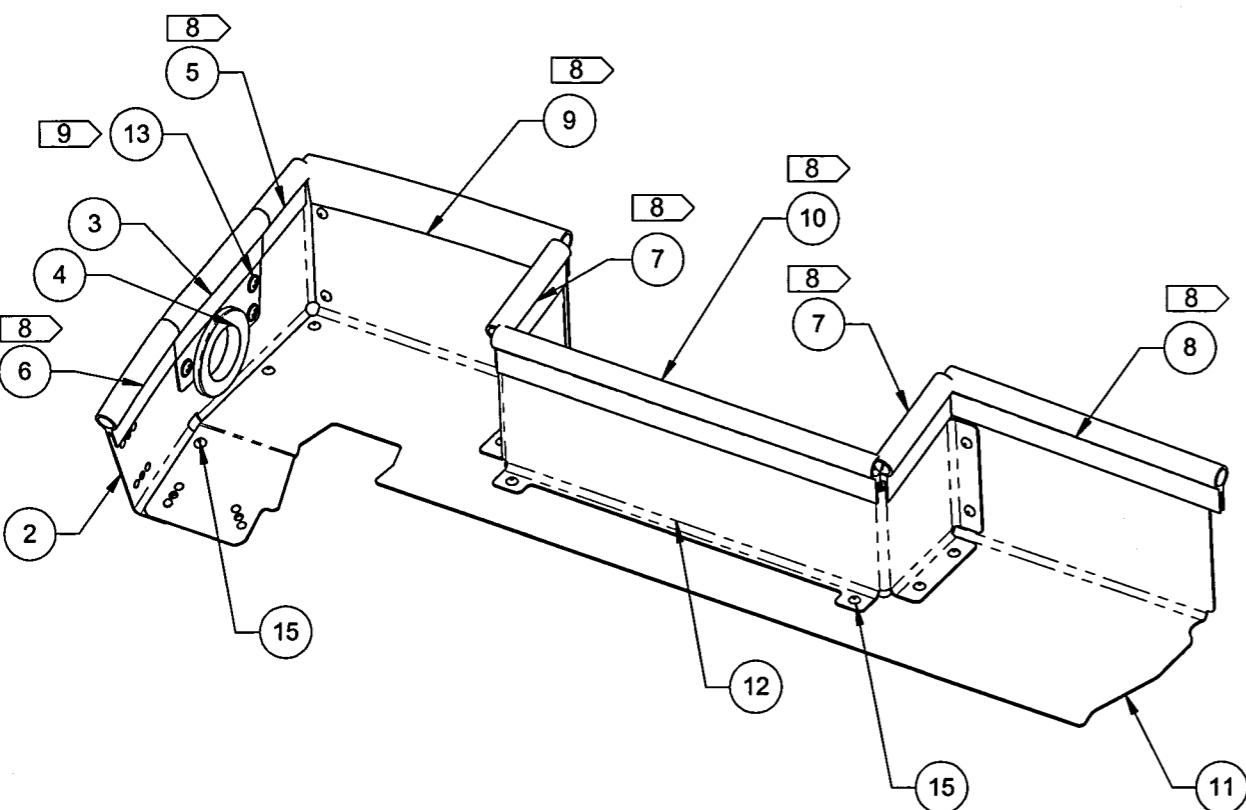
RELEASED

2013 OCT 19
ECN 18-828 41

APPROVED

B	ADD D5076-5, D5076-045, D5076-047. REF PAR18-256	PM	18.09.24	
A	NEW ISSUE	RF	14.03.11	
REV.	DESCRIPTION			
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. B SHEET 1 OF 12	
DRAWN	PM			
CHECKED	VS			
MFG. APPR.	DD			
APPROVED	VS	TITLE BRACKET ASSEMBLY		
DE APPR.	DS	SCALE NTS		
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ITEM	QTY. -043	PART NUMBER	DESCRIPTION
1	X	D5076-043	FWD INBOARD BRACKET ASSEMBLY
2	1	D4434-9	BRACKET
3	1	D4435-041	BRACKET ASSEMBLY
4	1	D4440-1	GROMMET
5	1	D4441-1-017	RUBBER SEAL
6	1	D4441-1-025	RUBBER SEAL
7	2	D4441-1-026	RUBBER SEAL
8	1	D4441-1-067	RUBBER SEAL
9	1	D4441-1-064	RUBBER SEAL
10	1	D4441-1-094	RUBBER SEAL
11	1	D5076-1	BRACKET
12	1	D5076-3	BRACKET
13	3	AN525-832R6	SCREW
14	14	MS20426AD3-3	RIVET
15	15	MS20470AD4-3	RIVET
16	7	MS21075L08	NUT PLATE
17	A/R	3M 1300/1300L	ADHESIVE



D5076-043 FWD INBOARD BRACKET ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDEX" (4.3.5.7) PER DART QSI 005 4.3 PRIOR TO INSTALLING D4435-041.
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.01 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE
ENSURE COVER IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
- 9) TORQUE SCREWS TO 12-15 (in-lb)

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2018 OCT 19

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HAWKESBURY, ONTARIO, CANADA

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SHEET 2 OF 12

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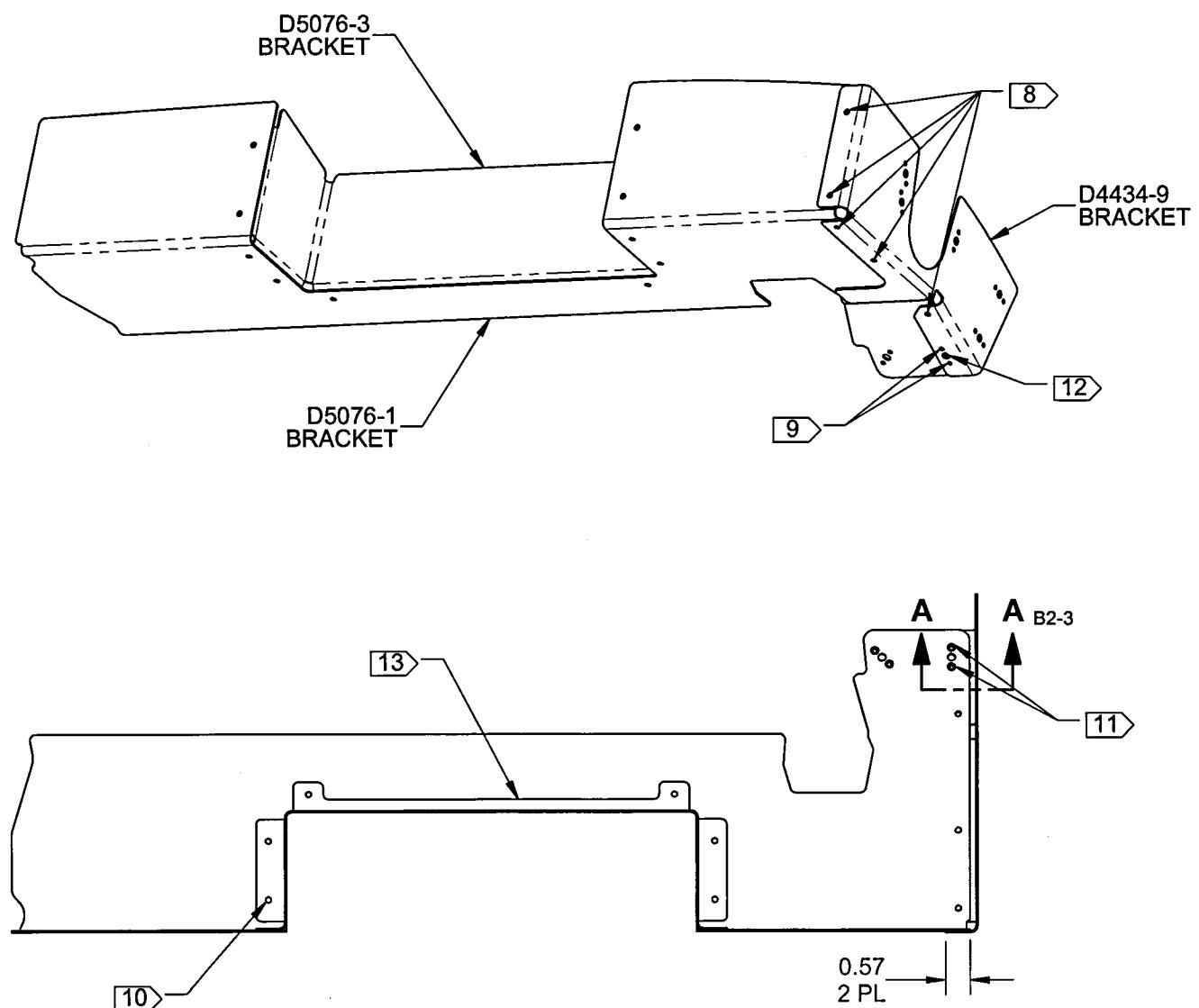
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D5076-043 FWD INBOARD BRACKET ASSEMBLY
AUXILIARY VIEW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.01 lbs
- 8) TRANSFER $\emptyset 0.129$ HOLES THRU 5 PLACES FROM D4434-9 TO D5076-1
- 9) TRANSFER $\emptyset 0.098$ HOLES THRU 2 PLACES FROM D4434-9 TO D5076-1
- 10) TRANSFER $\emptyset 0.129$ HOLES THRU 10 PLACES FROM D5076-3 TO D5076-1
- 11) CSK $\emptyset 0.179 \times 100^\circ$ ON THIS SIDE 2 PLACES
- 12) TRANSFER $\emptyset 0.177$ HOLE THRU FROM D4434-9 TO D5076-1
- 13) CENTRE D5076-3 INTO OPENING OF D5076-1

RELEASER

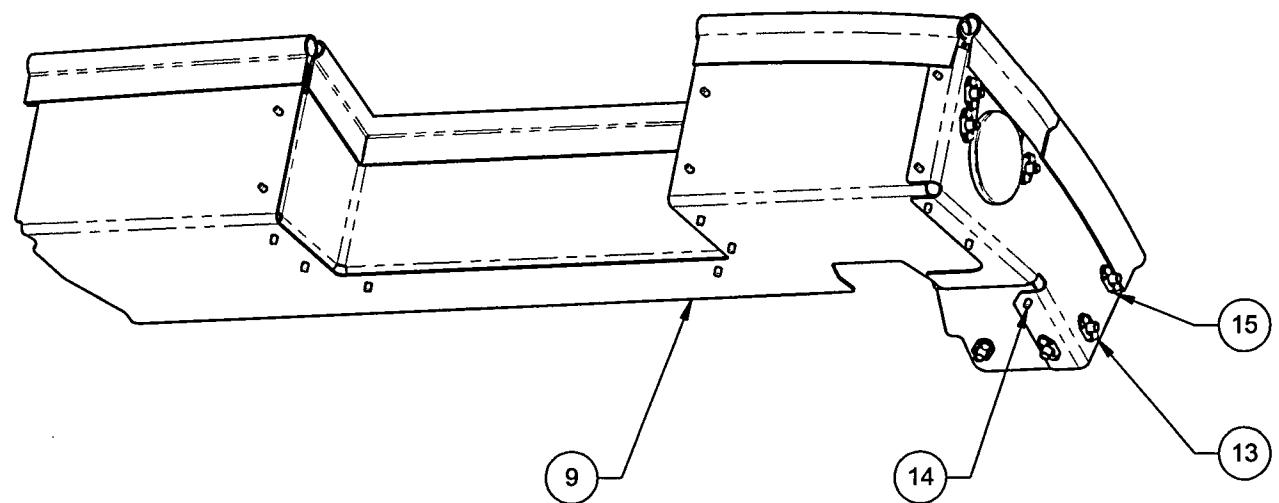
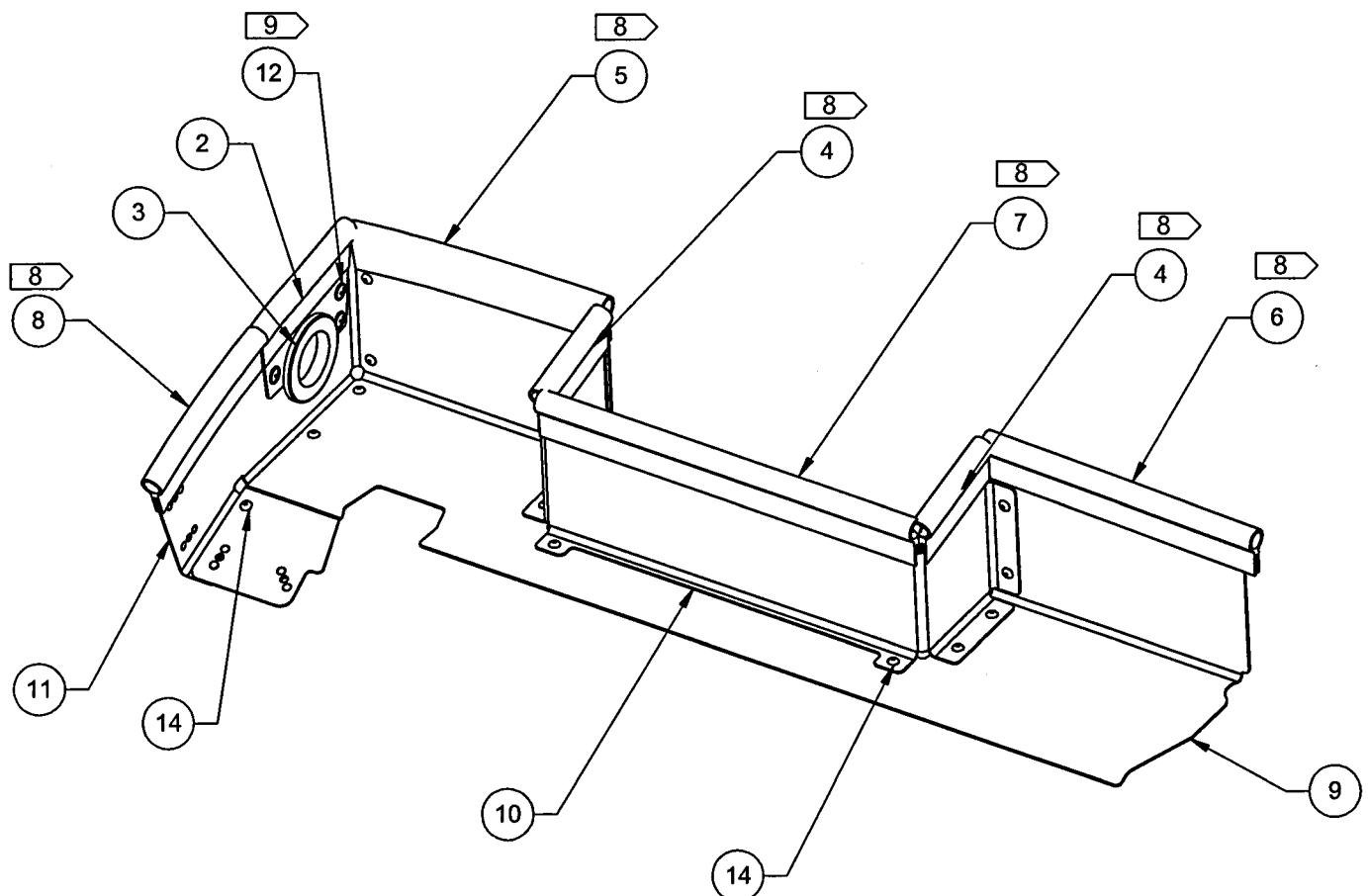
2016 OCT 19 11

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DATE	18.09.24

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HAWKESBURY, ONTARIO, CANADA	
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D5076	SHEET 3 OF 12
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ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D5076-045	FWD INBOARD BRACKET ASSEMBLY
2	1	D4435-041	BRACKET ASSEMBLY
3	1	D4440-1	GROMMET
4	2	D4441-1-026	RUBBER SEAL
5	1	D4441-1-064	RUBBER SEAL
6	1	D4441-1-067	RUBBER SEAL
7	1	D4441-1-094	RUBBER SEAL
8	1	D4441-1-042	RUBBER SEAL
9	1	D5076-1	BRACKET
10	1	D5076-3	BRACKET
11	1	D5076-5	BRACKET
12	3	AN525-832R6	SCREW
13	14	MS20426AD3-3	RIVET
14	15	MS20470AD4-3	RIVET
15	7	MS21075L08	NUT PLATE
16	A/R	3M 1300/1300L	ADHESIVE



D5076-045 FWD INBOARD BRACKET ASSEMBLY

B

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.01 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
- 9) TORQUE SCREWS TO 12-15 (in-lb)

RELEASED

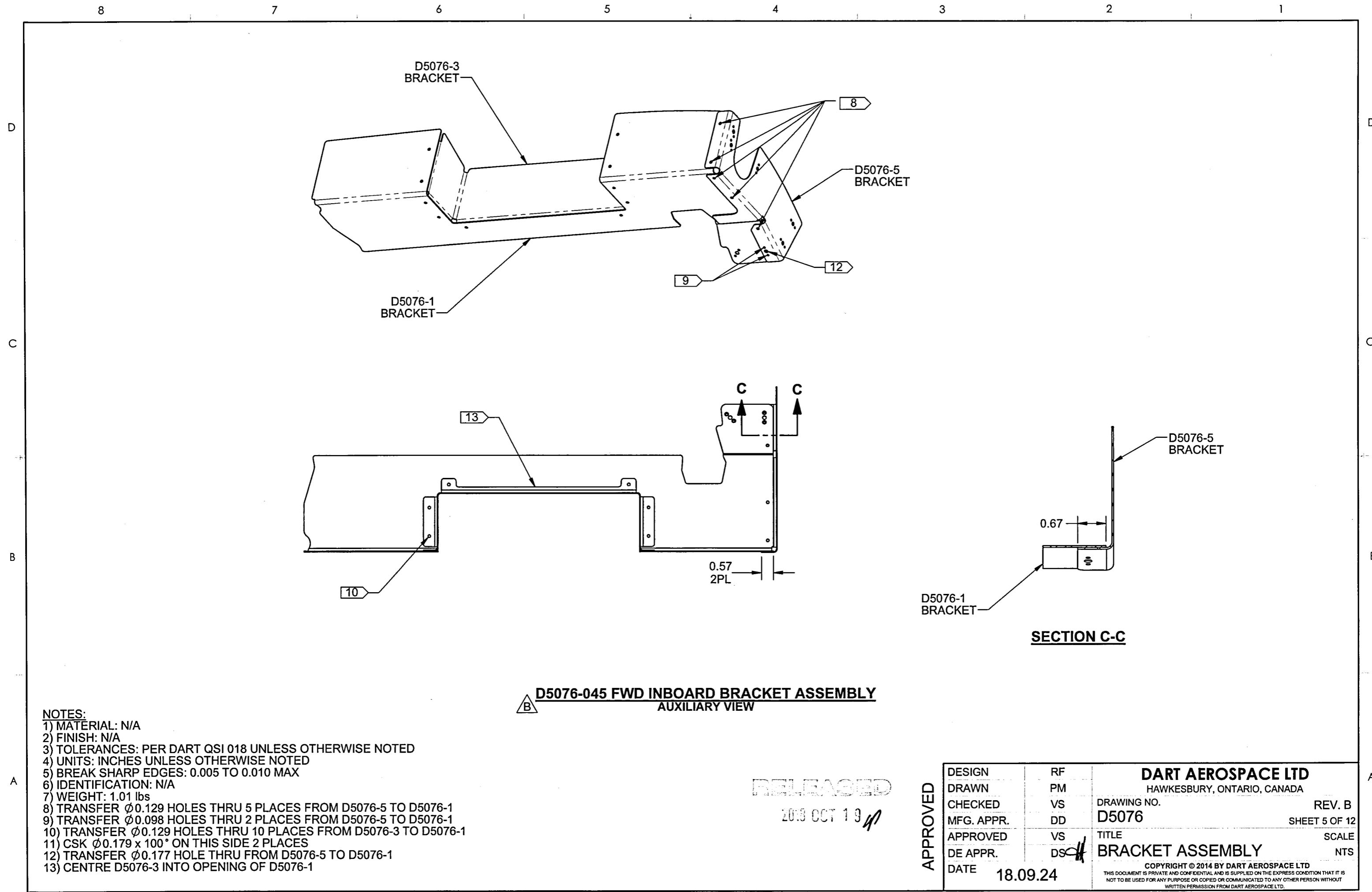
2018 OCT 19

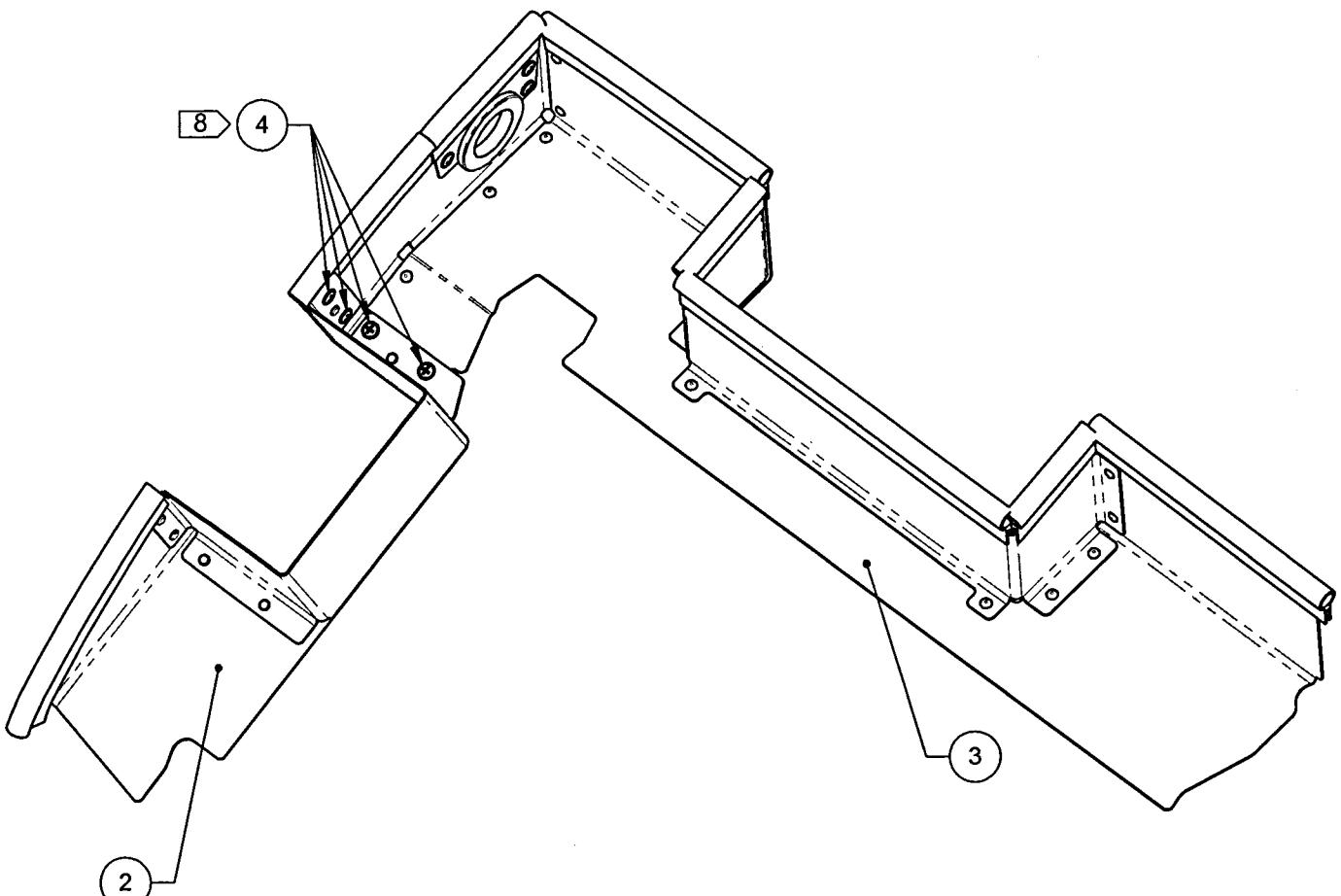
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DATE 18.09.24

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HAWKESBURY, ONTARIO, CANADA	
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SHEET 4 OF 12	
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D5076-047 FWD BRACKET ASSEMBLY

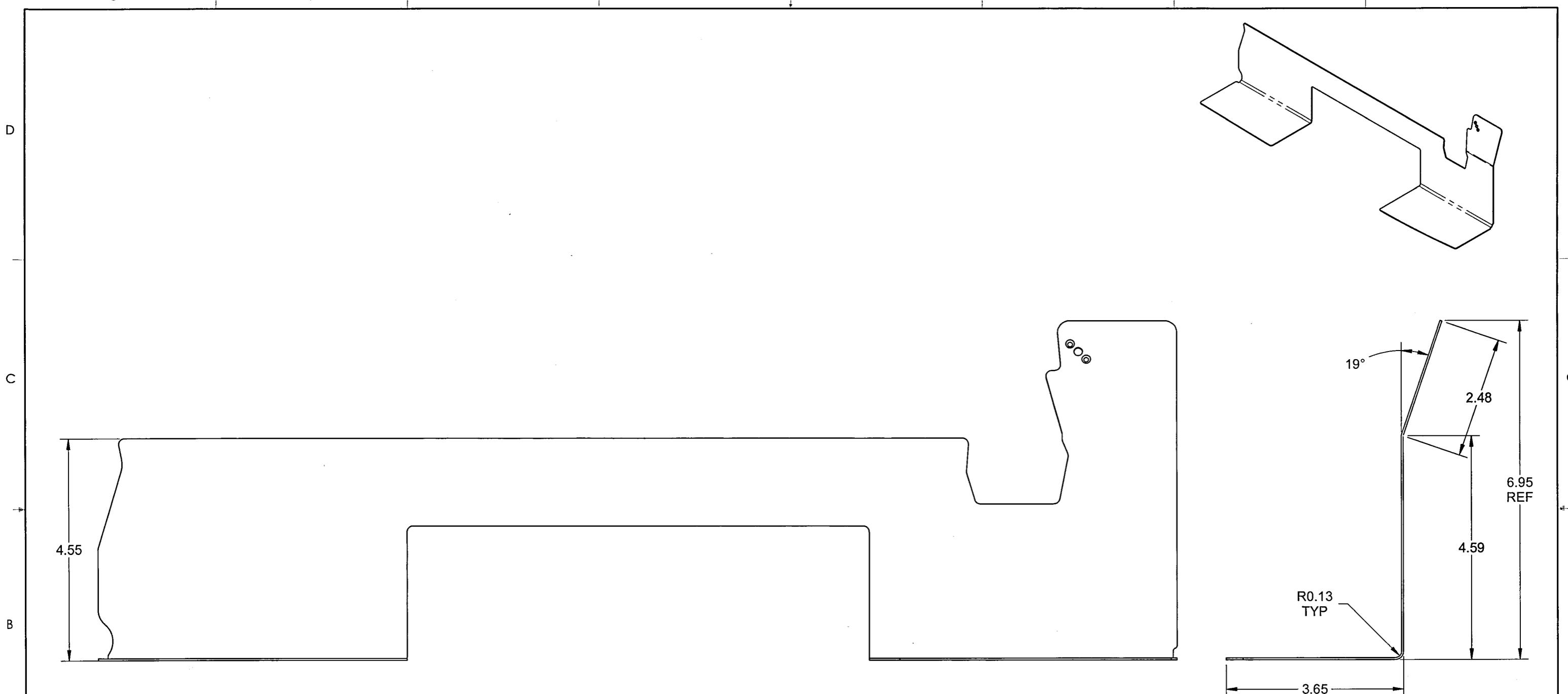
NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 7) WEIGHT: 1.39 lbs
 8) TORQUE SCREWS TO 12-15 (in-lb)

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2018 OCT 19 *yp*

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DESIGN DRAWN CHECKED MFG. APPR.	RF PM VS DD	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
APPROVED DE APPR.	VS DS <i>yp</i>	DRAWING NO. D5076 TITLE SCALE NTS
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8 7 6 5 4 3 2 1



D5076-1 BRACKET

NOTES:
1) MATERIAL: MAKE FROM D5076-1F FLAT PATTERN
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.47 lbs

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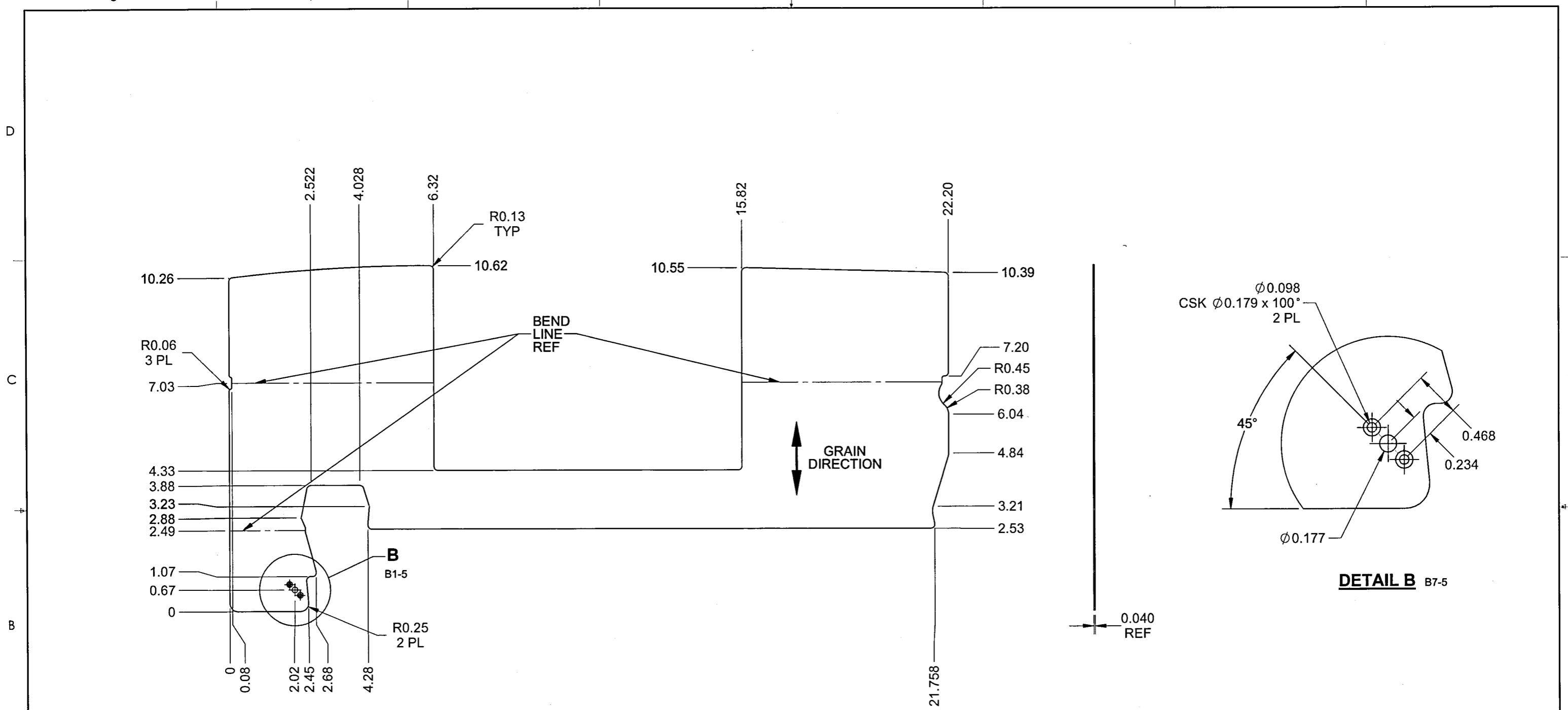
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DE APPR.	DS
DATE	18.09.24

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8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



D5076-1F FLAT PATTERN BRACKET

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.47 lbs

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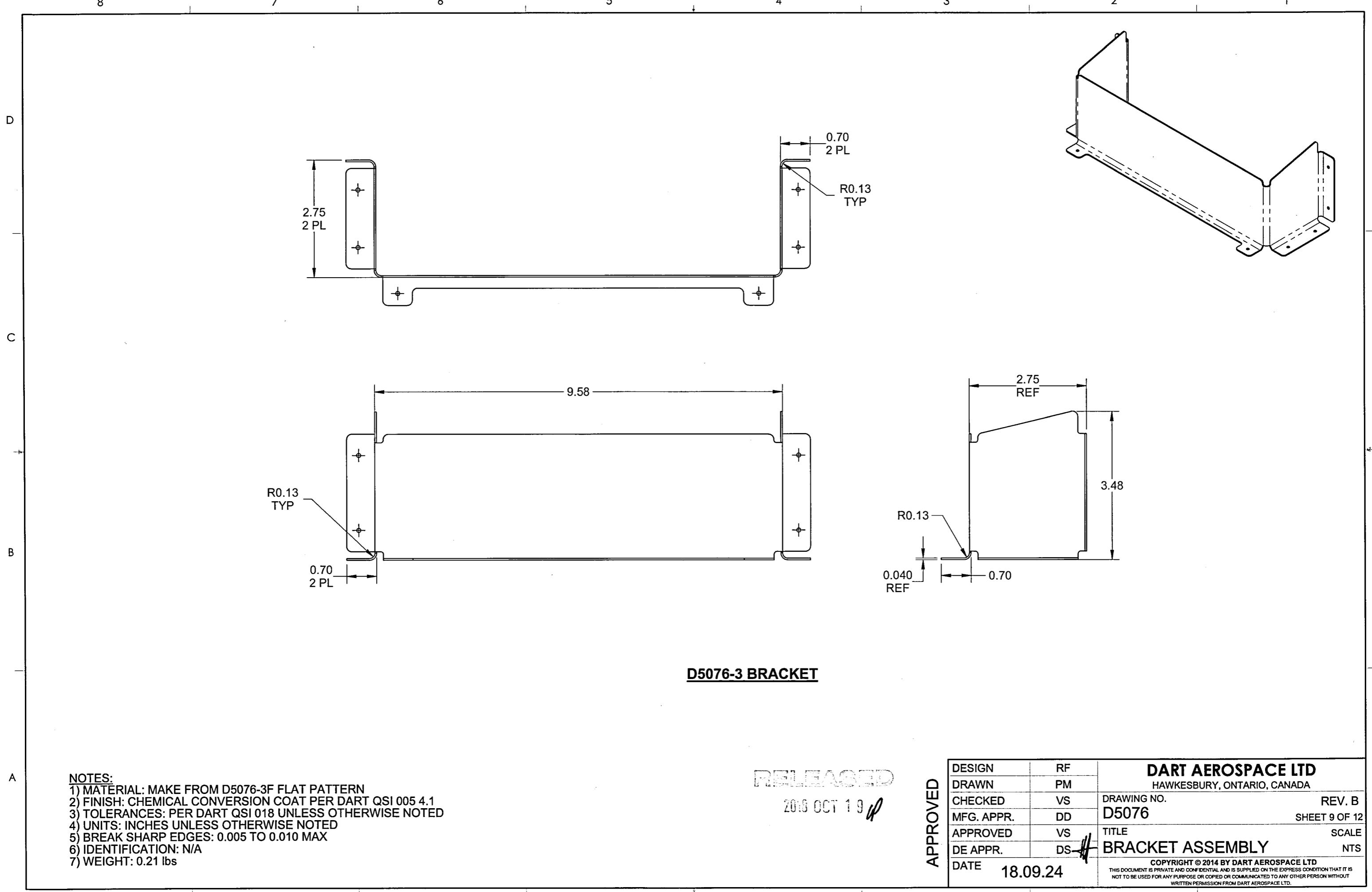
2018 OCT 19 19

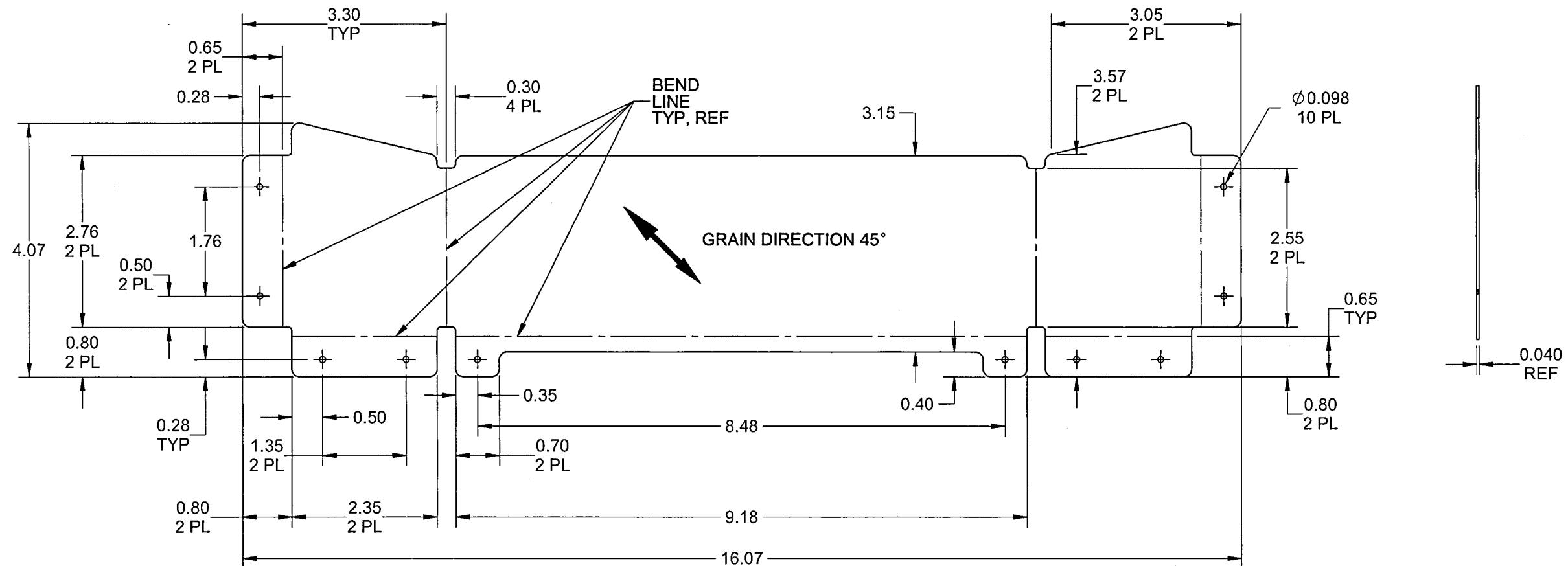
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DATE	18.09.24

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HAWKESBURY, ONTARIO, CANADA

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D5076-3F FLAT PATTERN BRACKET

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.21 lbs

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CHECKED	VS	DRAWING NO.	
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